

LEWCO ROTARY TABLES & TRAVELING BLOCKS

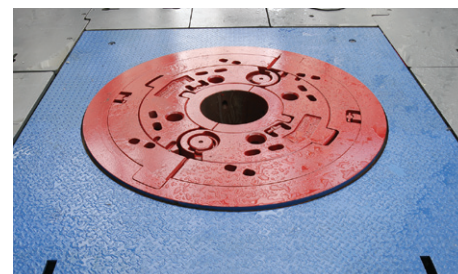


LEWCO ROTARY TABLES & TRAVELING BLOCKS

Rotary Tables

LEWCO Rotary Tables offer a number of key features, including a large oil capacity that adds to the unit's durability. These rotary tables feature forged-steel, fabricated housing, and a heat treated forged-steel turntable. Each rotary table is supplied with spiral-bevel, induction-hardened gears and two independent ratchet-type locks, with lever access from the top, to lock the table in position.

ROTARY TABLE SPECIFICATIONS				
MODEL	L-275	L-375	L-495	L-605
Table opening — in (mm)	27-1/2 (699)	37-1/2 (953)	49-1/2 (1,257)	60-1/2 (1537)
Table-to-sprocket API dimensions — in (mm)	53-1/4 (1,353)	53-1/4 (1,353)	65 (1,651)	72 (1851)
Pinion shaft diameter, sprocket end — in (mm)	4.938 (125)	4.938 (125)	4.938 (125)	4.938 (125)
Weight, with sprocket — lbs (kgs)	8,650 (3923)	14,100 (6,396)	27,000 (12,247)	35,000 (15,900)
Dead-lock capacity — tons (metric tonnes)	500 (453)	800 (725.6)	1,000 (907)	1250 (1134)
Gear ratio	3.16:1	3.60:1	3.93:1	4.76:1.00
Maximum table rpm	400	350	300	150



All specifications are subject to change. Information important to a particular application should be verified by LeTourneau Drilling Systems.

Traveling Blocks

Designed and manufactured in accordance with API 8C PSL 1 (API 8C monogrammed versions upon request), LEWCO Traveling Blocks are available in 275, 375, 500, 750, 1000, and 1250 ton models. Precise weighting ensures fast free-fall, while their streamlined, compact design eliminates interference with mast or derrick components. Long service life is enhanced through quality fabrication and advanced metallurgy of sheaves, beackets, and other components. Direct coupling to top drives and motion compensating drawworks further adds to increased performance.

TRAVELING BLOCK SPECIFICATIONS						
MODEL	275 TON	375 TON	500 TON	750 TON	1000 TON	1250 TON
Number of sheaves	5	6	6	7	8	8
Sheave O.D.	36	42	60	68	72	72
in (mm)	(914)	(1067)	(1524)	(1727)	(1829)	(1829)
Load rating	275	375	500	750	1000	1250
ton (tonnes)	(249)	(340)	(454)	(680)	(907)	(1134)
Line size	1-1/8, 1-1/4	1-1/4, 1-3/8	1-3/8, 1-1/2	1-5/8, 1-3/4	1-7/8, 1-3/4	1-3/4, 1-7/8, 2
in (mm)	(29, 32)	(32, 35)	(35, 38)	(41, 44)	(44, 48)	(44, 48, 51)
Width overall	24	30-1/8	35-1/4	39-1/2	53-1/2	57-5/8
in (mm)	(610)	(765)	(895)	(1003)	(1359)	(1464)
Length overall	74-7/8	83-7/8	121	141	144	150-1/2
in (mm)	(1902)	(2130)	(3073)	(3582)	(3658)	(3823)
Max dia. across guard in (mm)	38	44	63	71	75	75
Hood load capacity*	43,900	40,000	92,100	135,980	179,400	178,500
lb (kg)	(19,900)	(18,140)	(41,775)	(61,679)	(81,374)	(80,966)
Weight	6100	10,000	17,900	34,020	40,600	41,500
lb (kg)	(2,767)	(4,586)	(8,119)	(15,431)	(18,416)	(18,824)



*The hood load capacity is the load which may be placed on the hood in addition to the weight of the block. The rating which is stamped onto the hood is the total rating.

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